

## IN THE CLAIMS

Please amend the claims as follows:

1. (Currently amended) A pump for method of pumping a material, comprising:  
providing a motor;  
a molded molding a tube from raw materials;  
coupling the molded tube to the material; and  
coupling one or more compression heads coupled to the motor; and  
~~-and adapted to compressing~~ the molded tube with the one or more compression  
heads to push~~for pushing~~ the material in a desired flow direction.
2. (Currently amended) The pump method of Claim 1, wherein ~~the molded tube comprises~~  
molding the tube comprises molding the tube to have a first section having a first inside  
diameter[,] and a second section having a second inside diameter greater than the first  
inside diameter, wherein the second section is at an end of the tube.
3. (Currently amended) The pump method of Claim 2, and further comprising coupling a  
fitment coupled to the second section, such that the second section is coupled to the  
material by the fitment.
4. (Currently amended) The pump method of Claim 2, wherein the desired flow direction is  
from the second section toward the first section~~is a discharge end of the molded tube~~.
5. (Currently amended) The pump method of Claim 1, wherein ~~the molded~~molding the tube  
comprises ~~an~~ injection molded molding the tube.
6. (Currently amended) A method of delivering a fluid ~~delivery system~~, comprising:

providing a peristaltic pump;

~~a molded~~molding a tube from raw materials;

coupling coupled to the peristaltic pump to the molded tube through which the fluid flows;

coupling a supply of the fluid coupled to the molded tube upstream of the peristaltic pump; and

dispensing the fluid a dispenser coupled to the molded tube downstream of the peristaltic pump.

7. (Currently amended) The system method of Claim 6, wherein ~~the molded tube comprises~~molding the tube comprises molding the tube to have a first section having a first inside diameter[,] and a second section having a second inside diameter greater than the first inside diameter, wherein the second section is at an end of the tube.
8. (Currently amended) The system method of Claim 7, and further comprising coupling a fitment coupled to the second section.
9. (Currently amended) The system method of Claim 7, wherein the first section is downstream from the second section ~~is a discharge end of the molded tube~~.
10. (Currently amended) The system method of Claim 6, wherein ~~the molded~~molding the tube comprises ~~an injection~~ molded molding the tube.
11. (Currently amended) The system method of Claim 6, wherein the fluid is a beverage concentrate.
12. (Currently amended) The system method of Claim 6, wherein the fluid is a pharmaceutical.
13. (Withdrawn) A method of forming a molded tube for a peristaltic pump, comprising:

providing a core and a fitment;

providing a cavity adapted to mate with the core and fitment;

injecting material into the cavity for forming the molded tube around at least a part of the core and fitment; and

ejecting the molded tube and fitment from the core.

14. (Withdrawn) The method of Claim 13, wherein the injected material comprises a thermosetting elastomer.
15. (Withdrawn) The method of Claim 13, wherein ejecting comprises ejecting the molded tube and fitment by supplying a gas through the core.
16. (Withdrawn) The method of Claim 13, wherein providing a fitment comprises forming the fitment and placing the fitment on the core.
17. (Withdrawn) The method of Claim 13, wherein providing a fitment comprises molding the fitment in place on the core.
18. (Withdrawn) The method of Claim 13, and further comprising forming a weakened area on the molded tube for removing an end of the tube.
19. (Withdrawn) The method of Claim 18, and further comprising forming a removal tab proximate to the weakened area.
20. (Withdrawn) The method of Claim 13, wherein the fitment has a fitment inside diameter, and the fitment inside diameter is greater than or equal to an inside diameter of a portion of the molded tube not formed around the fitment.
21. (Withdrawn) The method of Claim 13, wherein the molded tube has a discharge end with an inside diameter different than a portion of the molded tube not formed around the fitment.

22. (New) A method of pumping a material, comprising:
  - providing a motor;
  - molding a tube to have a first section having a first inside diameter and a second section having a second inside diameter greater than the first inside diameter, wherein the second section is at an end of the tube;
  - coupling the second section to the material;
  - coupling one or more compression heads to the motor; and
  - compressing the molded tube with the one or more compression heads to push the material such that the first section is downstream from the second section.
23. (New) The method of Claim 22, and further comprising coupling a fitment to the second section, such that the second section is coupled to the material by the fitment.
24. (New) The method of Claim 22, wherein molding the tube comprises injection molding the tube.